

Date: Thu, 2 Dec 93 14:02:52 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1416
To: Info-Hams

Info-Hams Digest Thu, 2 Dec 93 Volume 93 : Issue 1416

Today's Topics:

Alinco DJF1T-HP dead
API for HAM CALL
ARRL Information Mail Server
Baycom and OS/2
Dial/meter marking program
First Radiotelephone Broadcast
help
Radio Shack frequency counter
Reply to: INFO-HAMS DIGEST V93 #1398
Soundblaster Software
SWR
TS440 Xmit Hangup
W5YI's coverage of "temporary callsigns" (3 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 1 Dec 1993 15:35:09 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!darwin.sura.net!
haven.umd.edu!umd5.umd.edu!w3eax.umd.edu!nnyx@network.ucsd.edu
Subject: Alinco DJF1T-HP dead
To: info-hams@ucsd.edu

I purchased a new ALINCO DJF1T-HP, and ever since the day I bought it, I
have been having problems with it. The first problem was with the
keyboard lighting (only half of the keyboard would light). Then I have
been having problems with the internal ribbon cables, which would

Has anyone had any problems with their ALINCO DJF1T-HP?

To: info-hams@ucsd.edu

>and don't reflect anyone else's (Including my employer).

— —

74176.1347

Date: 2 Dec 93 21:40:04 GMT
From: news-mail-gateway@ucsd.edu
Subject: ARRL Information Mail Server
To: info-hams@ucsd.edu

The address for the ARRL Information Mail SErver is as follows:
info@arrl.org

Your first message to them should have these lines:
INDEXINDEX
QUIT

This will get you a list of all available text files. The index will be delivered by E-mail in less than 2 hours. After getting the list of filenames, your susequent requests would go as follows:

SEND filename
QUIT

"filename" is the name of the file you want. Request as many as you want in the same E-mail request. Another command is:
HELP sends the help file

Some files available are: PROSPECT, EXAM-SCHEDULE, ADDRESSES, BIOEFFECTS, EMI-GEN, KITS, SOFTWRE, PRODUCT-REVIEW, FAQ-1, FAQ-2, FAQ-3, FTP-INFO, MAC-STACK, POOL-EXTRA-1, AUTH-GUIDE, AWARDS, CONTESTS-93, FORM-10M, PACKET-INTRO, QSL-IN, QSL-OUT, 10-10INFO, and many more.
Ed Hare, KA1CV , seems to be involved with this (ehare@arrl.org)

Date: Tue, 30 Nov 1993 23:29:54 GMT
From: munnari.oz.au!bruce.cs.monash.edu.au!harbinger.cc.monash.edu.au!msuinfo!agate!howland.reston.ans.net!usc!yeshua.marcam.com!zip.eecs.umich.edu!umn.edu!maroon.tc.umn.edu!weiss@network.
Subject: Baycom and OS/2
To: info-hams@ucsd.edu

In <9311292254591.chdaley.DLITE@delphi.com> chdaley@delphi.com (Charles Daley) writes:

>
>>I have a 386-25 and am guessing the level of interrupt activity in an
>>already busy system would make it impossible--but I don't want to plunk
>down
>>\$100 for a new 1200 baud modem just yet!
>>
>>Thanks,

```
>>__jeffrey weiss NOIRR
>>
```

```
>I shouldn't think that you would have any problem.  The modem in a Baycom
>should be a type 202 asynchronous modem and shouldn't present any more of a
>burden to your OS/2 system than any other type of modem.  Just how much
>stuff are you doing with your "already busy system?"
```

```
>*****
>* Chuck Daley KD4LXQ           Internet:   chdaley@delphi.com *
>* 10565 Willow Meadow Circle   Compuserve: 73457,3114      *
>* Alpharetta, GA 30202         Genie       C.DALEY.1        *
>*****
```

Well, I heard from an OS/2 guru that a DOS VDM cannot process over 1100] interrupts (virtual)/second. The problem seems only to be with the ax25 driver which generates many ints while performing software HDLC.

Funny--even in DOS on my system I must boot DOS 3.3 to get the ax25 driver working at all...

Date: Wed, 1 Dec 1993 23:15:21 GMT
From: netcomsv!netcom.com!wd6cmu@decwrl.dec.com
Subject: Dial/meter marking program
To: info-hams@ucsd.edu

In a previous post, Eric Williams (that's me!) wrote:

```
: Does anybody know of a program that will generate Postscript files for
: printing labels for dials, rotary switches, meters, etc.? I thought I
: remembered seeing such a thing and I thought I'd check before trying to
: write one myself. Thanks.
```

I spent a few hours learning PostScript and came up with the following, which isn't very general-purpose but it got the job done on my rotary switches. If anyone wants it, you're welcome to it. I'm still looking for something more universal if anybody runs across it.

```
=====
/radius 25 def           % Dial radius
/length 5 def           % Tick length
/label (Amps) def       % Switch label
```

```

/halfwidth { stringwidth pop 2 div } def
/halfheight {
  gsave newpath 0 0 moveto (0) false charpath flattenpath pathbbox grestore
  4 1 roll pop pop pop 2 div
} def

%
% Do one tick of the dial.  Stack: element from label array.
%
/tick {
  gsave

  dup 0 get rotate
  radius 0 moveto
  length 0 rlineto
  gsave stroke grestore
  dup 2 get 0 rmoveto

  currentpoint translate
  dup 0 get neg rotate
  0 0 moveto
  dup 1 get halfwidth neg halfheight neg rmoveto    % compensate for text size
  dup 1 get show

  pop
  grestore
} def

%
% Initialization
%
0 setlinecap % Butt caps
250 400 translate
1 setlinewidth
-5 0 moveto 5 0 lineto stroke
0 -5 moveto 0 5 lineto stroke

/Helvetica findfont 8 scalefont setfont

%
% Array of dial position labels.
% Each entry is [<degrees rotation> <label text> <delta radius to label>]
% Fiddle with third value until label position looks right.
%
[
  [30 (.2) 5]
  [0 (.3) 5]
  [330 (.4) 4]

```

```

[300 (.5) 5]
[270 (.6) 5]
[240 (.8) 5]
[210 (1) 4]
[180 (1.25) 9]
[150 (1.5) 7]
[120 (2) 5]
[90 (2.5) 5]
]

{ tick } forall

/Helvetica findfont 12 scalefont setfont
0 radius neg 25 sub moveto      % May have to adjust offset
label halfwidth neg 0 rmoveto    % Center text
label show

showpage

--
Eric Williams      | DGC Vincent: MC (B+S)t G+Y 1.2 Y L++ C+ T+ I+++ H+ S++ V+ F++
wd6cmu@netcom.com | Murphy: DS W+(B+R)t+R Y 1.3 Y L C+ T- I+++ H+ A+ F+ B--
WD6CMU@WD6CMU.#NOCAL.CA.USA.NA

-----

Date: 2 Dec 93 15:31:14 GMT
From: news-mail-gateway@ucsd.edu
Subject: First Radiotelephone Broadcast
To: info-hams@ucsd.edu

>Well speaking of first contacts...the following was attached to the door
> here tonight along with some pizza junk ads and other fluff from the
> building management....
>
>The First Christmas Radio Broadcast
>
>      Christmas Eve in 1906, sitting at his radio in the mid-Atlantic, the
> ship's wireless operator could hardly believe his ears. Instead of Morse
> Code, he heard the strains of a violin, followed by a crackly voice that
> seemed to come from nowhere: "If anybody hears me, please write to Mr.
> Fessenden at Brant Rock, Mass."

(deleted for brevity)

> so there you are. Truth or urban legend?

```

Date: 2 Dec 93 18:32:06 GMT
From: news-mail-gateway@ucsd.edu
Subject: help
To: info-hams@ucsd.edu

help

Date: 2 Dec 93 21:23:19 GMT
From: news-mail-gateway@ucsd.edu
Subject: Radio Shack frequency counter
To: info-hams@ucsd.edu

Now that the RS frequency counter has been out for awhile, has anyone had a chance to evaluate its performance?

I'm preparing to buy the RS counter and would appreciate any input from those of you that have used it. The kinds of data I seek fall into the categories of: frequency stability, frequency accuracy if better than 100ppm, sensitivity across the frequency range, random counting problems, battery drain or recharge rate when using nicads, and any application information that would or would not support the counter. Also, does the antenna connector lend itself for use with a preamp?

Thanks in advance

Hugh Wells, W6WTU

Date: 2 Dec 93 16:39:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Reply to: INFO-HAMS DIGEST V93 #1398
To: info-hams@ucsd.edu

Please keep the copy coming - those that don't want it can simply zip to the end and delete it. Thanks

Date: 2 Dec 93 16:38:41 GMT
From: ogicse!hp-cv!sdd.hp.com!col.hp.com!fc.hp.com!mckee@network.ucsd.edu
Subject: Soundblaster Software
To: info-hams@ucsd.edu

John W. Albert (jwa@tellabs.com) wrote:

: characters and displayed on the screen.

:

: The problem is, it's very difficult to write software for
: a PC that is downward compatable and do the math that is
: required to properly filter the signal. I'm sure it can be
: done but I don't think it can perform as well as a PK232,
: for example.

: Unless your using a 486 with a math co-processor, there would
: be timing problems that would make it difficult for the PC to
: filter and decode FSK especially at 300 baud. There are programs,
: like Hamcom, that can copy RTTY and decode FSK without an FSK
: demodulator or sound board but it performs poorly even in moderate,
: noisy conditions.

I have a real time SSTV system which will run on a 25 MHZ 386-sx. OF
course, the really fancy filtering requires more CPU, but it the PC CPU
perfectly adequete for most things.

73,

Bret

Date: 2 Dec 93 16:16:01 GMT
From: news-mail-gateway@ucsd.edu
Subject: SWR
To: info-hams@ucsd.edu

Text item: Text_1

>If you get only about 2 % back of your initial power, you still get
>about 98 % in the desired direction or less than 0.1 dB mismatch loss.
>Paul OH3LWR

Just a reminder for those who don't know... the above conditions can
be achieved with 100 ft. of RG-58 on 220 MHz with no antenna attached.

73, Cecil, kg7bk@indirect.com (No hablo para Intel)

Date: 2 Dec 93 15:26:18 GMT
From: news-mail-gateway@ucsd.edu
Subject: TS440 Xmit Hangup
To: info-hams@ucsd.edu

Bill,

I have had the exact same problem with my TS440 when I was attempting to test my beam while it was sitting on a ladder on top of the roof. It would lock into XMIT until I turned off the 440. After mounting the beam on the tower the problem has not reoccured so I just wrote it off as RF getting back into the radio.

Good Luck!

73

Doug KK6OU

Date: Wed, 1 Dec 1993 05:09:14 GMT
From: netcomsv!netcom.com!msattler@decwrl.dec.com
Subject: W5YI's coverage of "temporary callsigns"
To: info-hams@ucsd.edu

I believe that the potential callsign collisions and accountability problems make the "instant callsign" proposal troubling.

What I'd like to see is the VECs using a (gasp) laptop computer to exchange the passing applicant's names & addresses for an instant valid callsign via the FCC computer system. Just like the 20th century.

--

Michael S. Sattler msattler@netcom.com +1 (415) 621-2903
Digital Jungle Software Encrypt now; ask me how. (finger for PGP key)

All that is required for evil to triumph is
for {wo}men of good will to do nothing.

Date: Mon, 29 Nov 93 23:06:43 EST
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!usenet.ins.cwru.edu!
wariat.org!mystis!dan@network.ucsd.edu
Subject: W5YI's coverage of "temporary callsigns"
To: info-hams@ucsd.edu

md@maxcy2.maxcy.brown.edu (Michael P. Deignan) writes:

(Instant callsign proposed...)

> The reasons I feel the proposal is flawed are as follows:
>
> 1. There is no accountability as to who has what callsign. It is entirely
> possible that a dozen people with common names will all be sharing the
> same callsign in the same area. You can draw your own conclusions as to
> the mass confusion this will cause.
>
> 2. The lack of accountability also creates problems when hams with
> instant tickets break the rules. How do you contact someone whom the
> FCC has no record of?
>
> 3. The potential for abuse of "instant" callsigns is very great. If I am
> unlicensed, all I have to do is make up a new instant callsign once every
> few months, and I can operate indefinitely.
>
> 4. As a licensed ham, my ticket is at stake when I key up and speak to
> a station. If I am in a QSO with an unlicensed station, my ticket is
> in jeopardy (although in all reality I doubt the FCC would issue a fine,
> but you never know...)
>
> 5. What happens when a person with an "instant ticket" gains access to
> HF, or upgrades? WZ1MPD/AA? Or just WZ1MPD still, since its an "instant
> ticket" after all?
>
>
> I do not believe that the "instant callsign" can be compared to someone
> who upgrades and then operates with the temporary identifier /whatever.
> For one thing, the person is already licensed and is on file with the
> FCC. Again, accountability.
>
> The FCC states that the reason for the "instant callsign" is that they
> receive hundreds of phone calls from people asking what their callsign
> is. This proposal was put forth by the FCC as a way of decreasing the
> number of phone calls they get.
>
> <KNOCK> Hello? McFly? Seems the answer to the FCC's problem is not to
> enact a rule change, but to simply STOP taking the damn calls asking
> "what's my callsign?" Once word got around that you can't call the FCC
> anymore, guess what? People will stop calling. Duhhhhhh. Its so obvious,
> only something as stupid as a government bureaucrat couldn't think of it.
>
> And yes, furthermore I believe that it is yet another step in the trend
> we've seen over the past ten years of the FCC "getting out" of the Amateur
> Radio business. First VECs, then lack of enforcement, now "instant
> callsigns". How soon before we don't need callsigns at all, because the
> FCC considers it "too much work"?
>

I could not agree more. As I have stated, I feel that one of the major reasons for ham radio being as "clean" as it is, is accountability. Remove the accountability and the system WILL breakdown (as some falsely claim it has). And it makes self policing almost impossible.

```
-----
| Dan Pickersgill  N8PKV      | 'Pots have handles, Magazines have |
| dan@mystis.wariat.org      | Personals, Hams have Names'      |
-----
| '$100 placed at 7 percent interest compounded quarterly for |
| 200 years will increase to more than $100,000,000 - by which |
| time it will be worth nothing.          -Lazarus Long          |
-----
```

Date: 2 Dec 93 17:01:17 GMT
From: brunix!maxcy2.maxcy.brown.edu!md@uunet.uu.net
Subject: W5YI's coverage of "temporary callsigns"
To: info-hams@ucsd.edu

dan@mystis.wariat.org (Dan Pickersgill N8PKV) writes:

> The FCC, in an agreement with the ARRL, established a "ham-cop" as you
> call it. THAT was the FCC's intent. And NO, according to the above
> mentioned document (and the way the ARRL interprets it), self-policing
> means Hams policing Hams, NOT Hams policing him/herself.

Well, gee Dan, I don't know *how* I could be wrong. After all, just yesterday after mentioning that I personally check each new contact I make in the callbook, etc., I was called a "ham-cop" with a penis fixation.

In fact, after being shown the err of my ways, I've decided to write a counterpart to "My Gun, My Penis - An NRA GunOwners Bible" called "My D104 Lollipop, My Penis - A Ham-Cop's Overview of Regulating The Amateur Bands".

> The Amateur
Auxiliary, Official Observers, Local Interference Committiees, et. al. The
> Amateur Auxiliary is responsible for maintance monitoring and amateur to
> amateur interfearance.

You *MUST* be kidding. Around here, these things either don't exist, or they are next to worthless.

You know that the Rhode Island Section Manager and OOC does? Takes phone calls from separated wives complaining about their husbands "talking about them" on amateur radio. The SM calls the OOC, the OOC calls a *relative* of the ham to "tell him to stop talking about her like that on the air".

THAT is what our League officials do in RI.

> That was 1982, where have you been? Policing yourself and ignoring the
> actions of others? If you are serious about wanting the situation to
> improve, get involved in the solution.

Oh, but Dan, I wouldn't *possibly* want to get involved. To do so would prove that I have an impotence problem.

MD

--

-- Michael P. Deignan
-- Population Studies & Training Center
-- Brown University, Box 1916, Providence, RI 02912
-- (401) 863-7284

Date: 2 Dec 93 13:42:47 GMT
From: world!slm@uunet.uu.net
To: info-hams@ucsd.edu

References <2df2jt\$q5v@cc.tut.fi>, <2di6g3\$ja@wrdis02.robins.af.mil>,
<Dec01.181802.19527@yuma.ACNS.ColoState.EDU>
Subject : Re: Life is too short for 2 KW!!!!

galen@picea.CFNR.ColoState.EDU (Galen Watts) writes:

>Life is too short to not know how to run your own gear. Why do AM broadcasters
>run 50kW and not splatter?

>Galen, KF0YJ

I wouldn't necessarily hold up AM broadcasters as an example for us all!
There's a commercial AM station more than 3 miles away ... I hear them all
the time in my telephone (clear enough to pick out news, traffic reports, etc.)

Sharon KC1YR

--

electronic address: slm@world.std.com

Date: 2 Dec 93 15:23:06 GMT
From: ogicse!hp-cv!sdd.hp.com!col.hp.com!csn!yuma!galen@network.ucsd.edu
To: info-hams@ucsd.edu

References <2di6g3\$ja@wrdis02.robins.af.mil>,
<Dec01.181802.19527@yuma.ACNS.ColoState.EDU>, <CHEu3B.8D4@world.std.com>
Subject : Re: Life is too short for 2 KW!!!!

In article <CHEu3B.8D4@world.std.com> slm@world.std.com (slm) writes:
>galen@picea.CFNR.ColoState.EDU (Galen Watts) writes:
>
>>Life is too short to not know how to run your own gear. Why do AM broadcasters
>>run 50kW and not splatter?
>>Galen, KF0YJ
>I wouldn't necessarily hold up AM broadcasters as an example for us all!
>There's a commercial AM station more than 3 miles away ... I hear them all
>the time in my telephone (clear enough to pick out news, traffic reports, etc.)
>Sharon KC1YR

This was also sent to me via e-mail and since I read the mail before the news,
I have to write it again...

How much did you spend on your phone? I live about 600 yards from the WWV
transmitter site and I don't hear them on my phone. My neighbors do, and they
set their clocks that way!!!

All too often the transmitter gets blamed. Occasionally, the ham is pushing
the amp a little too hard and splatters, but how does WWV run 50-500kW
and I'm still able to get SW stations 10 kc away with no interference?
Either it's my radio (possibly) or WWV has taken the time to be sure their
signal is clean (more likely, I only spent \$1k on the radio).

Consumer grade goods are made for one thing: PROFIT. If they can save a few
pennies on each unit by not putting a filter in, they do it, and you'll buy
it because it's a buck cheaper, then you find yourself picking up the phone
to get the traffic report, no dialing required!!!

If you want to run 1 uWatt, go for it!!! Have fun, that's what it's all
about, but some of us like to be sure we can run 2kW in case someone's life
depends on it, and it's kind of a kick to know you can run that much power
and not start a fire or blow something up.

To each his own,
galen, KF0YJ

Date: (null)

From: (null)

```
+-----+-----+
| Robert G. Schaffrath, N2JTX | Internet:   rgs%wpmax2%gfimda@uunet.uu.net |
| Systems Engineer           | CompuServe: 70541,435 |
| Maxwell House Coffee Company | Phone:      914-335-2777 |
| Kraft General Foods Corp.   | Slogan:     "ervice is ur mott" |
+-----+-----+
```

river ra

Date: Thu, 2 Dec 93 00:25:56 GMT

From: ncrgw2.ncr.com!ncrhub2!torynews!kevin@uunet.uu.net

To: info-hams@ucsd.edu

References <2651@arrl.org>, <9311292209592.gilbaronw@mn.DLITE@delphi.com>,

<edh.754687121@hpuerca>d

Subject : Re: Repeater calling procedure (Was: Elm

In article <edh.754687121@hpuerca> edh@hpuerca.atl.hp.com (Ed Humphries) writes:

>

>MY biggest gripe is the guy yelling "testing. TESTING." and then

>does not responding when I offer to help with a signal report.

>Maybe their speakers are busted but their mic's are good?

>

I agree this is rude on a repeater. I have done this on a clear simplex frequency however, usually when making antenna or feedline adjustments and observing a meter. When I'm ready for a signal report I'll ask for one ;-)
Actually (and not to open another worm can) saying "KN6FQ Testing" on a repeater is the correct procedure to follow for a pass/fail test, if all you are doing is listening for the beep. Far better than simply kerchunking.

--

Kevin Sanders, KN6FQ
kevin.sanders@torreypinesca.ncr.com
kevin%beacons@cyber.net

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|   _   |
| o o \_/ o o |
| o o  @  o o |
|-----|
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Try Boatanchors
For A Real Lift

End of Info-Hams Digest V93 #1416
